



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090971

Mode: Highway

Status: Submitted

US-13

From/Cross Street: SR 1705 (Hood Swamp Road)

Specific Improvement Type: 1 - Widen Existing Roadway

To: SR 1572 (Saulston Road)

Project Category: Regional Impact

Length: 1.81

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$13,352,000

Description:

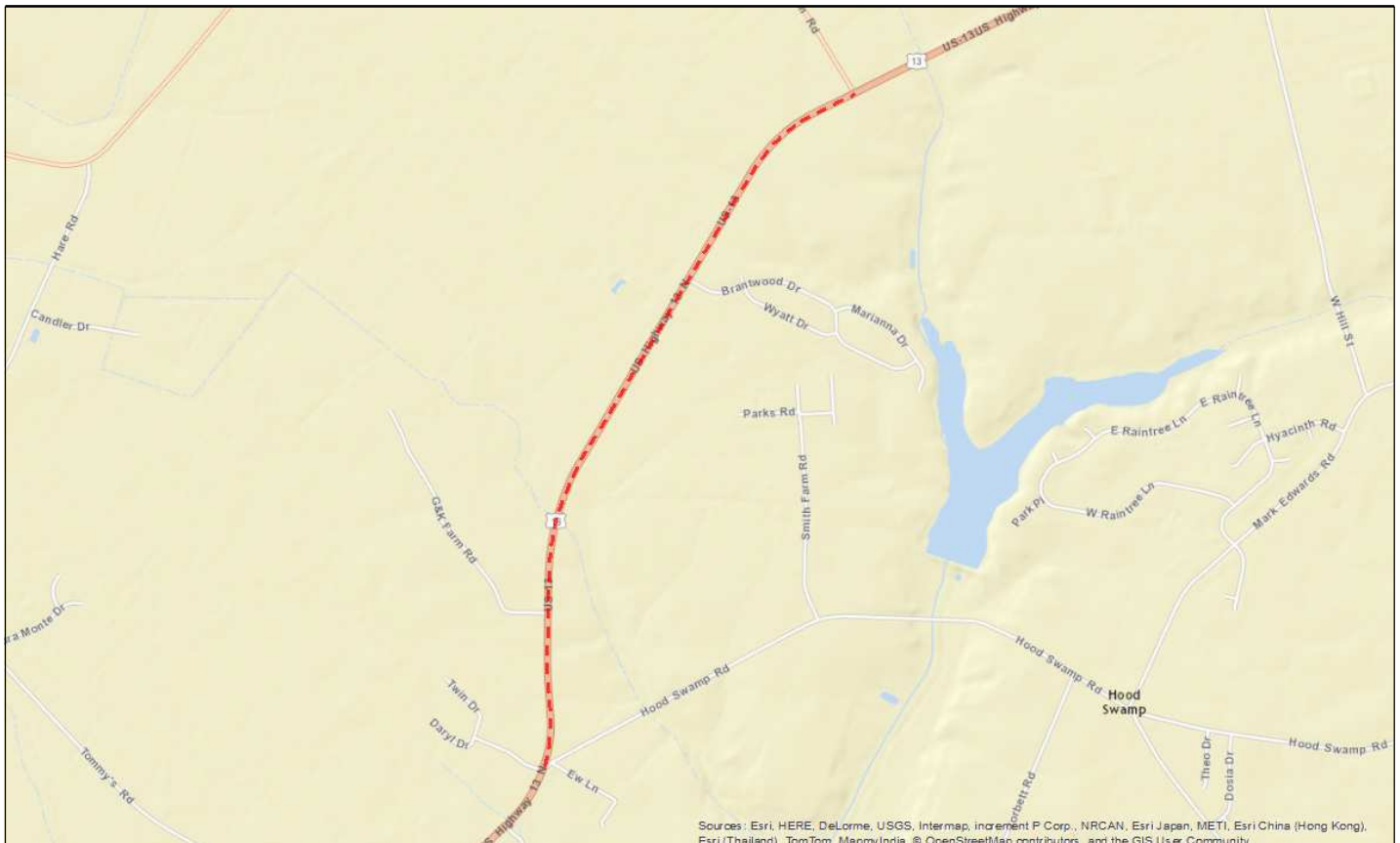
Widen to 4-Lanes with a Median

Division(s): Division 4

County(s): WAYNE

MPOS(s)/RPO(s): Goldsboro Urban Area MPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 52.99

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (15%) 35.38 Safety (15%) 84.56 Lane Width (10%) 0.00 [Paved] Shoulder Width (10%) 50.00 [Travel Time] Benefit/Cost (20%) 0.00	Percent: 15% Points: 100	Percent: 15% Points: 100
Totals: Weight: 70% Weighted Score: 22.99		

Division Needs Total Score: 41.99

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (10%) 35.38 Safety (10%) 84.56 Lane Width (10%) 0.00 [Paved] Shoulder Width (10%) 50.00 [Travel Time] Benefit/Cost (10%) 0.00	Percent: 25% Points: 0	Percent: 25% Points: 100
Totals: Weight: 50% Weighted Score: 16.99		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	45
Length (miles):	1.81
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	2
Roadway has Curb & Gutter?	No
Volume (AADT):	8331.34
Capacity:	15597.95
Volume/Capacity Ratio:	0.53
% Autos:	92%
% Trucks:	8%
Truck Volume:	683.14
Crash Density:	99.83
Crash Severity:	72.42
Critical Crash Rate:	81.43
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	20
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	95
Actual Congested Speed:	39.02
Travel Time Index:	1.15

Project Benefits

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	45
Length (miles):	1.81
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Minor Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	-1598903.85
Travel Time Savings for 30 Years (Autos):	-1467799.28
Travel Time Savings for 30 Years (Trucks):	-131104.57
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 4

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 4	100%	100	0
	0%	0	0
	0%	0	0
TOTAL Division Points		100	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Goldsboro Urban Area MPO	100%	100	100
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	100

Project Cost and Source

Construction Cost:	\$7,068,000	TIP Unit
Right-of-Way Cost:	\$5,611,000	Cost Estimation Tool
Utilities Cost:	\$673,000	Cost Estimation Tool
Total Project Cost:	\$13,352,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$13,352,000	